

ABSTRACT

METHOD FOR POSITIONING BY SATELLITES

3 The invention relates to a security-protected
system for positioning by satellites, comprising a
constellation of satellites (11) sending out positioning
signals under the control of a set of ground stations (14).
A user receiver of the said positioning signals comprises
10 means for sending, to a ground station, a request calling
for a key which is necessary for interpreting them,
advantageously accompanied by a recopy of the
positioning signals received. User servicing ground
stations comprise means for receiving this request,
15 calculating the position of the user and verifying whether
the user possesses a privileged status, and means for
addressing the said key to the user receiver, in the event
that the verification is positive, this key further comprising
means for interpreting the positioning signals with the aid
20 of the key so as to deduce his own position therefrom.

Figure 2